

Have a good year, and best of luck with your studies!

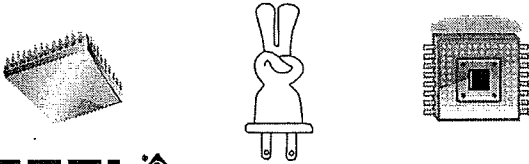
For more information about what we do, and how to join, please visit our website at www.ieeebcit.org.


This kit was prepared by the student members of the BCIT IEEE. We are always looking for new members, and everyone is welcome.

Please check through the kit to make sure that all the parts you need are present and not visibly damaged. For missing or damaged parts, we will honor a three week grace period for parts exchange. Come by every Wednesday to SW3-3620 at 2:30 pm. Please got to our website at www.ieeebcit.org and print out the appropriate Missing Parts List under the Parts Kits tab.

Thank you for purchasing your parts kit from the BCIT IEEE Student Branch!

Dear Student,



BROUGHT TO YOU BY THE:  IEEE

Your Parts Kit

Why Join The IEEE?

- Be a part of a global and well recognized organization that is at the forefront of your field!
- Pay reduced membership fees while you're a student!
- Receive the IEEE Spectrum magazine delivered to your home or online as part of your membership!
- Participate in club activities at reduced rates available only to members!
- Get access to the club's private test-bank and study resources!
- And so much more...!



ELEX - 2115
Fall 2011



What's in your kit:

Item	Qty
1N914 Diode	2
2N3904 NPN Transistor	2
2N3906 PNP Transistor	2
Capacitor Mylar 1nF	2
Capacitor Mylar 10 nF	2
Radical Ceramic Capacitor	2
Capacitor Mylar 100 nF	2
Capacitor Mylar 2.2 uf	2

Item	Qty
74HC14	2
74HC74	2
74HC75	1
74HC112	2
74HC139	1
74HC151	1
74HC193	1
74HC194	1
74HC244	1
74HC390	1
74HC393	1
74LS06	1

BCIT IEEE Student Branch News

The 'Fuse' Social Event

Our bi-annual 'Fuse' event will be held in September at the BCIT Burnaby campus hosted by the BCIT IEEE student branch. This event is focused on introducing students to the IEEE and to the BCIT IEEE student branch.

Think Engineering 2013

In January 2012 the UBC IEEE in partnership with BCIT IEEE and SFU IEEE student branches hosted the annual Think Engineering Event. This student based and driven event is focused on bridging engineering students with local high tech companies. Think Engineering will be held once again in January 2013.

T-Shirt

Electrical Engineering T-Shirts are now available! See the club for visit ieebcic.org or more information.

Good luck on your term from the BCIT IEEE Student Branch!

The BCIT-IEEE Parts Kit Team
Fall ELEX 2115

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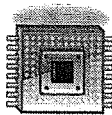
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ELEX 3120

The BCIT-IEEE Parts Kit Team

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Think Engineering will be held once again in January 2014. Think Engineering students with local high tech companies, bridging engineering students and driven event is focused on meeting Event. This student based and driven event is focused on and SFU IEEE student branches hosted the annual Think Engineering. In January 2013 the UBC IEEE in partnership with BCIT IEEE Think Engineering 2013

The 'Fuse' Social Event will be held in September and February at the BCIT Burnaby campus hosted by the BCIT IEEE student branch. This event is focused on introducing students to the IEEE and to the BCIT IEEE student branch.

BCIT IEEE Student Branch News



ELEX- 3120
Fall 2013 / Winter 2014



What's in your kit:

Item	Qty	Item	Qty
Resistor kit	1	Capacitor Mylar 33pF ✓	1 ✓
Resistor 1.2M 1/4 W	5	Capacitor Mylar 1nF ✓	5 ✓
Resistor 1.5M 1/4 W	5	Capacitor Mylar 2.2 nF ✓	5 ✓
Resistor 1.8M 1/4 W	5	Capacitor Mylar 3.3 nF ✓	5 ✓
Resistor 2.2M 1/4 W	5	Capacitor Mylar 4.7 nF ✓	5 ✓
Resistor 2.7 M 1/4 W	5	Capacitor Mylar 10 nF ✓	5 ✓
Resistor 3.3 M 1/4 W	5	Capacitor Mylar 33 nF ✓	5 ✓
Resistor 3.9 M 1/4 W	5	Capacitor Mylar 100 nF ✓	10 ✓
Resistor 4.7 M 1/4 W	5	Inductor 10 mH ✓	1 ✓
Resistor 5.6 M 1/4 W	5	Diode 1N4148 ✓	5 ✓
Resistor 6.8 M 1/4 W	5	Transistor Array CA3146 ✓	2 ✓
Resistor 8.2 M 1/4 W	5	IC SENSOR LM335 ✓	2 ✓
Resistor 10 M 1/4 W	5	Volt. Ref Diode LM385 ✓	2 ✓
Resistor 22 M 1/4 W	5	OP Amp LM741 ✓	4 ✓
Precision 1K OHM 1% Resistor	5	Op Amp LF356 ✓	5 ✓
Precision 10K OHM 1% Resistor	5	Op Amp TL084 ✓	2 ✓
Precision 100K OHM 1% Resistor	5	Alligator Clip Leads ✓	10 ✓
Precision 1M OHM 1% Resistor	5		
Potentiometer 0.1K ✓ (101)	2 ✓		
Potentiometer 1K ✓ (102)	2 ✓		
Potentiometer 10K ✓ (103)	2 ✓		
Potentiometer 100K ✓ (104)	2 ✓		
Potentiometer 1M ✓ (105)	2 ✓		

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33 x 10⁻¹⁰

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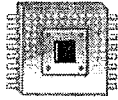
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T-Shirt

characters.

The IEEE is building a LED Belt Buckle. The DIY Belt buckle

LED Belt Buckle

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Building engineering students with local high tech companies.

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Think Engineering 2012

BCIT IEEE Student Branch

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Burnaby campus hosted by the BCIT IEEE student branch. This

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The 'Fuse' Social Event

BCIT IEEE Student Branch News



ELEX- 1115
Winter 2012



What's in your kit:

Item	Qty
✓ Segment LED	1
✓ 10 LED Bar Arrays	1
✓ LED, Green Thru-hole	2
✓ LED, Red Thru-hole	8
✓ LED, Yellow Thru-hole	2
✓ 9V Battery Clips	1
✓ SPDT Momentary Push (11mm)	2
✓ SPDT Toggle x4	2
✓ Alligator Clips	8
✓ 1k ohm Resistor	20
✓ 1k 11-Pin Bus Resistor	1
✓ 14 Pin Wire Wrap IC Socket	2
Terminal Pins	6
✓ 78L05	1

Item	Qty
✓ 74HC00 NAND (2 IP)	4
✓ 74HC02 NOR (2)	4
✓ 74HC04 (Inverter)	2
✓ 74HC08 AND	2
✓ 74HC10 NAND (3)	2
✓ 74HC27 NOR (3)	2
✓ 74HC32 OR (2)	2
✓ 74HC86 XOR (2)	2
✓ 74HC283 Binary Full Adder	2
✓ 74LS47 7-Seg. Decoder	2

If Purchased

✓ Needle nose pliers	1
✓ Bent nose pliers with internal grip	1
✓ Side cutters	1
✓ Wire strippers	1
✓ Small flat blade screwdriver	1
✓ Anti-static wrist strap with cable	1
✓ Prototype Breadboard (double)	1